

Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
110983APPLICATION NO.
10/032,091

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Takanari TAKAGAKIFILING DATE
December 31, 2001GROUP
1724

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>Jms</i>	5,674,302	10-1997	Nakayama et al.	—	—
<i>Jms</i>	5,888,442	03-1999	Kometani et al.	—	—
<i>Jms</i>	6,293,984 B1	09-2001	Oda et al.	—	—

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
EP 0 692 294 A1	01-1996	Europe	—	—
EP 0 982 062 A2	03-2000	Europe	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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APR 30 2002
TC 1700

EXAMINER

Jms M. Shun

DATE CONSIDERED

June 11, 2003

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 110983		APPLICATION NO. New US Patent Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Takanari TAKAGAKI			
				FILING DATE December 31, 2001			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
Jug		09/842,708 Atty Docket: 108554	04/27/2001	TAKAGAKI et al.	-	-	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
Jug		JP A 8-24546 w/ abstract	01/30/1996	JAPAN	-	-	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER		Jug M. Lane			DATE CONSIDERED June 11, 2003		
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